

Otter Tail Power Company  
South Dakota Transmission Cost Recovery Rider  
Casselton – Buffalo 115 kV Revenue Requirements  
Docket No. EL14-090

Line No.	Year>>	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2014	2015	2015	
		Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	Projected Total	Projected January	Projected February		
<b>RATE BASE</b>																
1	Plant Balance	6,048,442	6,048,442	6,048,442	6,048,442	6,048,442	6,048,442	5,892,361	5,892,361	5,893,404	5,893,404	5,893,404	5,893,404	8,042,966	8,042,966	
2	Accumulated Depreciation	(24,737)	(32,982)	(41,228)	(49,474)	(57,719)	(65,965)	(74,210)	(81,811)	(93,613)	(105,503)	(105,503)	(105,503)	(116,253)	(127,003)	
3	Net Plant in Service	6,023,705	6,015,459	6,007,214	5,998,968	5,990,723	5,982,477	5,818,151	5,810,550	5,799,791	5,787,901	5,787,901	5,787,901	7,926,713	7,915,963	
4	CWIP	(119,040)	(171,215)	(62,371)	(157,711)	(156,636)	(158,152)	0	0	0	0	0	0	0	0	
5	Accumulated Deferred Income Taxes Federal & State	(1,127,204)	(1,132,471)	(1,137,739)	(1,143,007)	(1,148,274)	(1,153,542)	(1,158,809)	(1,295,963)	(1,431,647)	(1,567,299)	(1,567,299)	(1,567,299)	(1,573,627)	(1,579,955)	
6	Ending rate base	4,777,462	4,711,773	4,807,104	4,698,251	4,685,813	4,670,783	4,659,342	4,514,587	4,368,145	4,220,602	4,220,602	4,220,602	6,353,086	6,336,009	
7																
8	OTP Load Percentage	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	
9	Remove Non-OTP Load Portion	(2,290,506)	(2,259,012)	(2,304,718)	(2,252,529)	(2,246,566)	(2,239,360)	(2,233,875)	(2,164,474)	(2,094,263)	(2,023,525)	(2,023,525)	(2,023,525)	(3,045,924)	(3,037,736)	
10	Retail Ending Rate Base	2,486,955	2,452,760	2,502,386	2,445,722	2,439,247	2,431,423	2,425,467	2,350,114	2,273,881	2,197,077	2,197,077	2,197,077	3,307,163	3,298,273	
11																
12	Average rate base	202,673	202,673	202,673	202,673	202,673	202,673	202,673	202,673	202,673	202,673	202,673	2,432,075	264,720	264,720	
13																
14	Return on Rate Base	14,890	14,890	14,890	14,890	14,890	14,890	14,890	14,890	14,890	14,890	14,890	178,682	19,596	19,596	
15																
16	Available for return (equity portion of rate base)	9,407	9,407	9,407	9,407	9,407	9,407	9,407	9,407	9,407	9,407	9,407	112,888	12,194	12,194	
17																
18	<b>EXPENSES</b>															
19	<b>O&amp;M and Depreciation</b>															
20	Operating Costs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	Property Tax	4,637	4,637	4,637	4,637	4,637	4,637	4,637	4,637	4,637	4,637	4,637	55,646	6,166	6,166	
22	Book Depreciation	8,246	8,246	8,246	8,246	8,246	8,246	8,246	7,601	11,802	11,890	105,503	105,503	10,750	10,750	
23	Total O&M and Depreciation Expense	12,883	12,883	12,883	12,883	12,883	12,883	12,883	12,238	16,439	16,528	161,149	161,149	16,916	16,916	
24																
25	OTP Load Percentage	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	
26	Remove Non-OTP Load Portion	(6,176)	(6,176)	(6,176)	(6,176)	(6,176)	(6,176)	(6,176)	(5,867)	(7,882)	(7,924)	(7,924)	(7,924)	(8,110)	(8,110)	
27	Retail O&M and Depreciation Expenses	6,706	6,706	6,706	6,706	6,706	6,706	6,706	6,371	8,557	8,604	83,888	83,888	8,806	8,806	
28																
29	Income before Taxes															
30	Available for return (from above)	9,407	9,407	9,407	9,407	9,407	9,407	9,407	9,407	9,407	9,407	9,407	112,888	12,194	12,194	
31	Taxable Income (grossed up)	1.5385	14,473	14,473	14,473	14,473	14,473	14,473	14,473	14,473	14,473	14,473	173,675	18,760	18,760	
32																
33	Income Taxes															
34	Current and Def Income Taxes	35.00%	5,066	5,066	5,066	5,066	5,066	5,066	5,066	5,066	5,066	5,066	60,786	6,566	6,566	
35	Total Income Tax Expense	5,066	5,066	5,066	5,066	5,066	5,066	5,066	5,066	5,066	5,066	5,066	60,786	6,566	6,566	
36																
37																
38	<b>REVENUE REQUIREMENTS</b>															
39	Expenses	11,772	11,772	11,772	11,772	11,772	11,772	11,772	11,436	13,623	13,669	221,935	221,935	15,372	15,372	
40	Return on rate base	14,890	14,890	14,890	14,890	14,890	14,890	14,890	14,890	14,890	14,890	178,682	178,682	19,596	19,596	
41	Subtotal revenue requirements	26,662	26,662	26,662	26,662	26,662	26,662	26,662	26,326	28,513	28,559	400,617	400,617	34,968	34,968	
42	Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
43	Transmission Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
44	Total revenue requirements	26,662	26,662	26,662	26,662	26,662	26,662	26,662	26,326	28,513	28,559	400,617	400,617	34,968	34,968	
45																
46	South Dakota share - D2 factor	9.82%	2,617	2,617	2,617	2,617	2,617	2,617	2,617	2,584	2,799	2,803	31,740	3,432	3,432	
47																
48	Gross Receipts Tax (at 0.0015)	0.15%	4	4	4	4	4	4	4	4	4	4	48	5	5	
49	Total South Dakota Share	2,621	2,621	2,621	2,621	2,621	2,621	2,621	2,621	2,588	2,803	2,807	31,787	3,438	3,438	



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Line No.	Year>>	2015 Projected March	2015 Projected April	2015 Projected May	2015 Projected June	2015 Projected July	2015 Projected August	2015 Projected September	2015 Projected October	2015 Projected November	2015 Projected December	2015 Projected Total	2016 Projected January	2016 Projected February	
<b>RATE BASE</b>															
1	Plant Balance	8,042,966	8,042,966	8,042,966	8,042,966	8,042,966	8,042,966	8,042,966	8,042,966	8,042,966	8,042,966	8,042,966	8,042,966	8,042,966	
2	Accumulated Depreciation	(137,753)	(148,503)	(159,252)	(170,002)	(180,752)	(191,502)	(202,252)	(213,001)	(223,751)	(234,501)	(234,501)	(245,251)	(256,001)	
3	Net Plant in Service	7,905,213	7,894,463	7,883,714	7,872,964	7,862,214	7,851,464	7,840,714	7,829,965	7,819,215	7,808,465	7,808,465	7,797,715	7,786,965	
4	CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Accumulated Deferred Income Taxes Federal & State	(1,586,282)	(1,592,610)	(1,598,938)	(1,605,265)	(1,611,593)	(1,617,921)	(1,624,248)	(1,630,576)	(1,636,904)	(1,643,231)	(1,643,231)	(1,648,554)	(1,653,877)	
6	Ending rate base	6,318,931	6,301,854	6,284,776	6,267,699	6,250,622	6,233,544	6,216,467	6,199,389	6,182,312	6,165,234	6,165,234	6,149,161	6,133,088	
7															
8	OTP Load Percentage	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	
9	Remove Non-OTP Load Portion	(3,029,548)	(3,021,361)	(3,013,173)	(3,004,986)	(2,996,798)	(2,988,610)	(2,980,423)	(2,972,235)	(2,964,048)	(2,955,860)	(2,955,860)	(2,948,154)	(2,940,448)	
10	Retail Ending Rate Base	3,289,383	3,280,493	3,271,603	3,262,713	3,253,824	3,244,934	3,236,044	3,227,154	3,218,264	3,209,374	3,209,374	3,201,007	3,192,641	
11															
12	Average rate base	264,720	264,720	264,720	264,720	264,720	264,720	264,720	264,720	264,720	264,720	3,176,638	262,995	262,995	
13															
14	Return on Rate Base	19,596	19,596	19,596	19,596	19,596	19,596	19,596	19,596	19,596	19,596	235,155	19,469	19,469	
15															
16	Available for return (equity portion of rate base)	12,194	12,194	12,194	12,194	12,194	12,194	12,194	12,194	12,194	12,194	146,332	12,115	12,115	
17															
18	<b>EXPENSES</b>														
19	<i>O&amp;M and Depreciation</i>														
20	Operating Costs	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	Property Tax	6,166	6,166	6,166	6,166	6,166	6,166	6,166	6,166	6,166	6,166	73,995	6,166	6,166	
22	Book Depreciation	10,750	10,750	10,750	10,750	10,750	10,750	10,750	10,750	10,750	10,750	128,998	10,750	10,750	
23	Total O&M and Depreciation Expense	16,916	16,916	16,916	16,916	16,916	16,916	16,916	16,916	16,916	16,916	202,993	16,916	16,916	
24															
25	OTP Load Percentage	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	52.056%	
26	Remove Non-OTP Load Portion	(8,110)	(8,110)	(8,110)	(8,110)	(8,110)	(8,110)	(8,110)	(8,110)	(8,110)	(8,110)	(97,323)	(8,110)	(8,110)	
27	Retail O&M and Depreciation Expenses	8,806	8,806	8,806	8,806	8,806	8,806	8,806	8,806	8,806	8,806	105,670	8,806	8,806	
28															
29	Income before Taxes														
30	Available for return (from above)	12,194	12,194	12,194	12,194	12,194	12,194	12,194	12,194	12,194	12,194	146,332	12,115	12,115	
31	Taxable Income (grossed up)	1.5385	18,760	18,760	18,760	18,760	18,760	18,760	18,760	18,760	18,760	225,126	18,638	18,638	
32															
33	Income Taxes														
34	Current and Def Income Taxes	35.00%	6,566	6,566	6,566	6,566	6,566	6,566	6,566	6,566	6,566	78,794	6,523	6,523	
35	Total Income Tax Expense		6,566	6,566	6,566	6,566	6,566	6,566	6,566	6,566	6,566	78,794	6,523	6,523	
36															
37															
38	<b>REVENUE REQUIREMENTS</b>														
39	Expenses	15,372	15,372	15,372	15,372	15,372	15,372	15,372	15,372	15,372	15,372	281,787	15,329	15,329	
40	Return on rate base	19,596	19,596	19,596	19,596	19,596	19,596	19,596	19,596	19,596	19,596	235,155	19,469	19,469	
41	Subtotal revenue requirements	34,968	34,968	34,968	34,968	34,968	34,968	34,968	34,968	34,968	34,968	516,942	34,798	34,798	
42	Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0	
43	Transmission Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0	
44	Total revenue requirements	34,968	34,968	34,968	34,968	34,968	34,968	34,968	34,968	34,968	34,968	516,942	34,798	34,798	
45															
46	South Dakota share - D2 factor	9.82%	3,432	3,432	3,432	3,432	3,432	3,432	3,432	3,432	3,432	41,189	3,416	3,416	
47															
48	Gross Receipts Tax (at 0.0015)	0.15%	5	5	5	5	5	5	5	5	5	62	5	5	
49	Total South Dakota Share		3,438	3,438	3,438	3,438	3,438	3,438	3,438	3,438	3,438	41,250	3,421	3,421	

